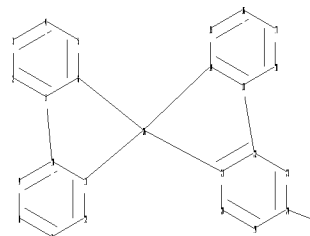
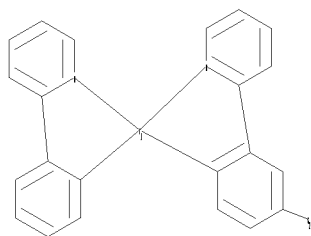


10/534,173



```
chain nodes :
28
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23
24 26
chain bonds :
24-28
ring bonds :
1-2  1-6  1-10  2-3  3-4  4-5  5-6  6-26  7-8  7-12  8-9  9-10  10-11  11-12  11-26
13-14 13-18 13-22 14-15 14-26 15-16 16-17 17-18 19-20 19-24 20-21 21-22
21-26 22-23 23-24
exact/norm bonds :
1-10  6-26  11-26  13-22  14-26  21-26  24-28
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-8  7-12  8-9  9-10  10-11  11-12  13-14  13-18
14-15  15-16  16-17  17-18  19-20  19-24  20-21  21-22  22-23  23-24
```

G1: Pd, Pt

G2: Cl, Br, I

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:Atom 28:CLASS
```

L1 STRUCTURE UPLOADED

=> d his

(FILE 'HOME' ENTERED AT 14:33:08 ON 30 MAR 2008)

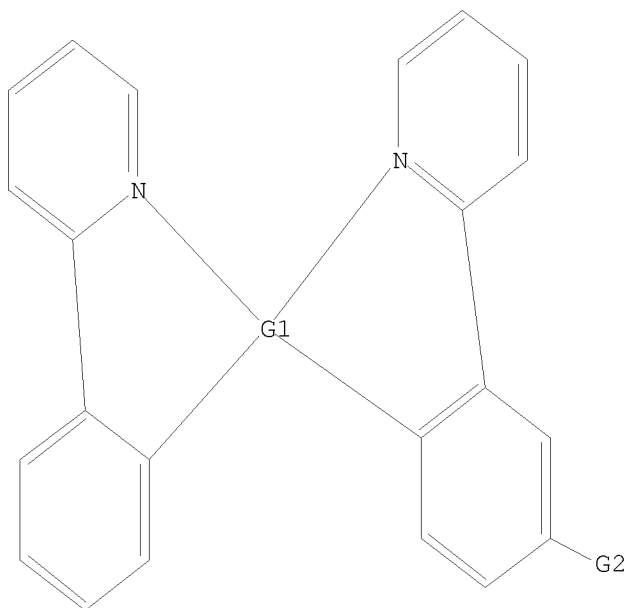
FILE 'REGISTRY' ENTERED AT 14:33:32 ON 30 MAR 2008

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Pd,Pt

G2 Cl,Br,I

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:34:01 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 11 TO ITERATE

100.0% PROCESSED 11 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 22 TO 418

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 14:34:07 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 206 TO ITERATE

100.0% PROCESSED 206 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

178.57

FILE 'CAPLUS' ENTERED AT 14:34:12 ON 30 MAR 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Mar 2008 VOL 148 ISS 14

FILE LAST UPDATED: 28 Mar 2008 (20080328/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3

L4 1 L3

=> d bib abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:408276 CAPLUS

DN 140:423831

TI Preparation of palladium and platinum complexes as phosphorescence emitters

IN Spreitzer, Hubert; Stoessel, Philipp; Bach, Ingrid

PA Covion Organic Semiconductors G.m.b.H., Germany

SO Ger. Offen., 23 pp.

CODEN: GWXXBX

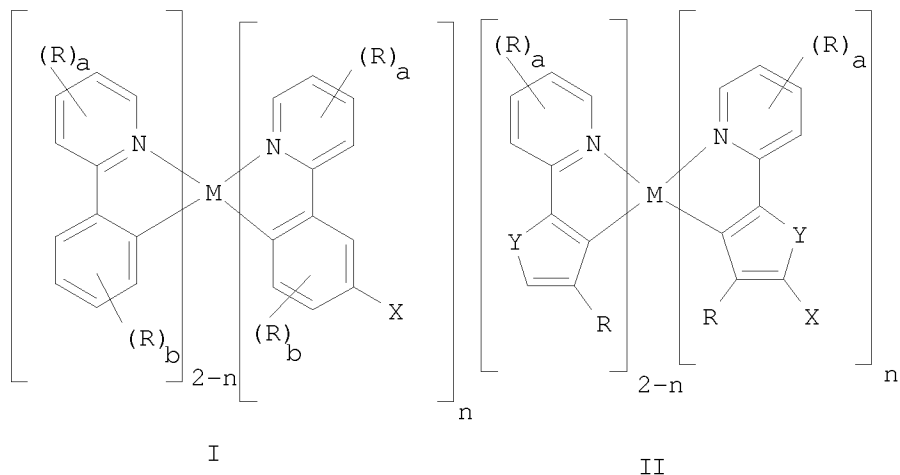
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10251986	A1	20040519	DE 2002-10251986	20021108
	WO 2004041835	A1	20040521	WO 2003-EP12279	20031104
	W: CN, JP, KR, US				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	EP 1562964	A1	20050817	EP 2003-810433	20031104
	EP 1562964	B1	20060719		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
	CN 1711275	A	20051221	CN 2003-80102917	20031104
	JP 2006505600	T	20060216	JP 2004-549102	20031104
	US 2006071206	A1	20060406	US 2005-534173	20050506

PRAI DE 2002-10251986 A 20021108
 WO 2003-EP12279 W 20031104
 OS CASREACT 140:423831; MARPAT 140:423831
 GI



AB The present invention describes new organo-metallic compds., I and II (M = Pd, Pt; X = Cl, Br, I; Y = O, S, Se; R = same or different N, F, Cl, Br, I, NO₂, CN, straight or cyclic chain, alkyl, alkoxy, organosilyl, organothio, organoamino, organoamido, etc.; a = 0-4; b = 0-3; n = 1, 2), which are phosphorescence emitters. Such compds. are insertable as effect components (= function materials) in a set of various applications, which can be added in the broadest sense of the electronic industry. Thus, halogenation of bis[2-(2-pyridinyl-κN)phenyl-κC]platinum(II) with N-chlorosuccinimide in the presence of concentrate HCl in CH₂Cl₂ followed by treatment with hydrazine hydrate in EtOH gave 87.5% bis[2-(2-pyridinyl-κN)(5-chlorophenyl-κC)]platinum(II).

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.39	181.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

STN INTERNATIONAL LOGOFF AT 14:34:33 ON 30 MAR 2008